

Radio **AMATEUR** Call Book Magazine

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SPRING 1954

Why Take a Chance?

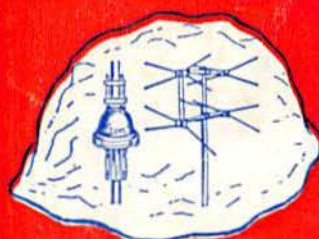
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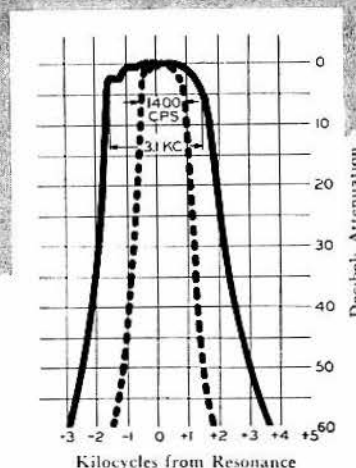


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The Collins 75A-3 double conversion superheterodyne receiver, with its crystal-controlled front-end and highly stable low frequency VFO, is like a high frequency crystal-controlled converter working into a very stable low frequency receiver. The high stability and 3.1 kc bandwidth of the 75A-3 make it ideal for AM or single sideband — and an 800 cycle mechanical filter is available as an optional accessory for CW.

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The 75A-3 covers the 160, 80, 40, 20, 15, 11, and 10 meter amateur bands. Sensitivity on all bands is 2.5 mv or better for a 10 db signal-to-noise ratio. Image rejection is at least 50 db. AVC is applied to RF as well as IF stages. Separate noise limiters for phone and CW. The S-meter is calibrated from 1 to 9 in steps of approximately 6 db, and for 20, 40 and 60 db over S9. S9 corresponds to a signal input of 100 microvolts. Antenna input impedance is 50 to

150 ohms, balanced or unbalanced. A phone jack and 4 ohm and 500 ohm audio output terminals are provided. Sockets and front-panel controls are included for the 8R-1 100 kc crystal calibrator and 148C-1 NBFM adapter which are available as optional accessories. The following controls are on the 75A-3 front panel: tuning, zero set, bandswitch, RF gain, audio gain, BFO pitch, CW limiter, antenna trimmer, crystal selectivity, crystal phasing, mechanical filter selector, CW-AM-FM switch, noise-limiter calibrate switch, on-off-standby switch. The 75A-3 operates from a 115 volt 50/60 cycle ac power source. Cabinet dimensions are: 21½" wide, 12½" high, and 13½" deep. The 19" panel fits a standard relay rack. The 75A-3 weighs approximately 50 pounds.

Net domestic prices:

75A-3 receiver complete with F455B-31 3 kc mechanical filter:	\$530.00
10-inch speaker in matching cabinet:	\$20.00
8R-1 crystal calibrator:	\$25.00
148C-1 NBFM adaptor:	\$22.50
F455B-08 ... 800 cycle mechanical filter:	\$55.00
F455B-60 ... 6.0 kc mechanical filter:	\$55.00

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RADIO AMATEUR CALL BOOK

MAGAZINE

It will be noted that we are again accepting bold face listings in the CALL-BOOK.

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W9TRD.

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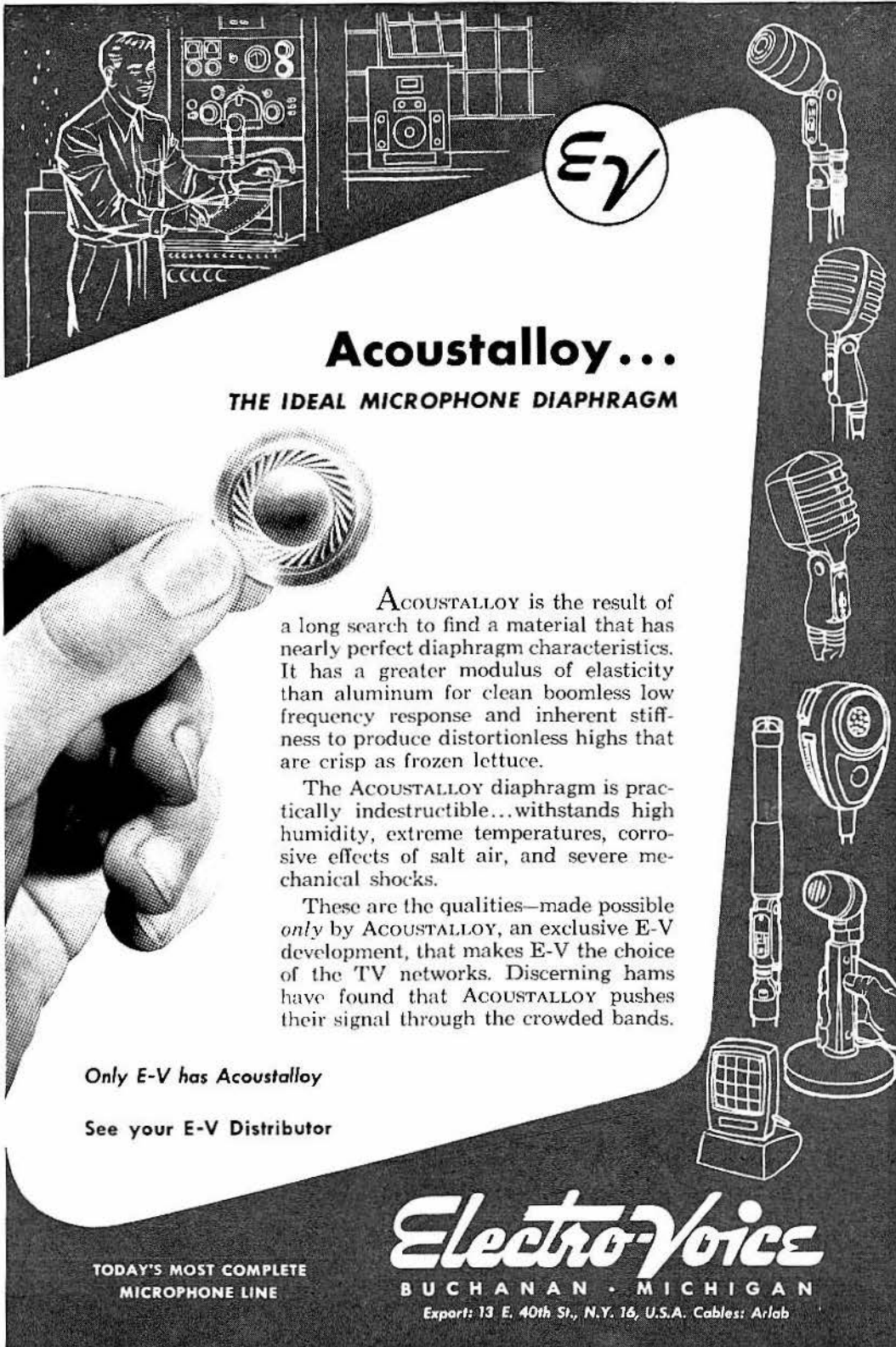
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C O N T E N T S

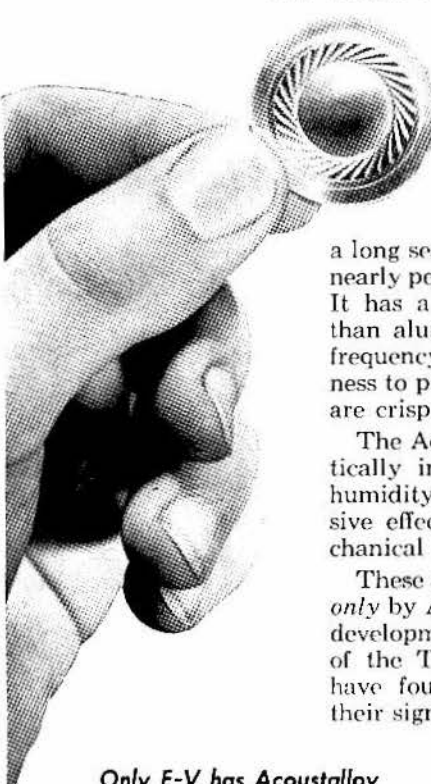
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Includes the States of New Jersey and New York.	
THIRD CALL AREA	84
Includes the States of Delaware, Maryland, Pennsylvania, and the District of Columbia.	
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Includes the States of Alabama, Florida, Georgia, Kentucky, North and South Carolina, Tennessee, Virginia and the territories of Puerto Rico and the Virgin Islands.	
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Includes the States of Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma and Texas.	
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Includes the States of Michigan, Ohio, and West Virginia.	
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Includes the States of Illinois, Indiana and Wisconsin.	
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Includes the States of Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota and South Dakota.	
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A. R. R. L. COUNTRIES LIST

Official List for ARRL DX CONTEST and Postwar DXCC

The ARRL Postwar Countries List is the official standard used in connection with the ARRL DX competition and the DX Century Club. To qualify for the DX Century Club Award, an applicant must submit confirmations from at least 100 different countries contacted after November 15, 1945, in accordance with the Postwar DXCC Rules. Copies of the DXCC Rules will be furnished by ARRL on request.

AC3	Sikkim	KH6	Hawaiian Islands	VP7	Bahama Islands
AC4	Tibet	KJ6	Johnston Island	VP8	Falkland Islands
AG2	(See I)	KL7	Alaska	VP8	South Georgia
AP	Pakistan	KM6	Midway Islands	VP8	South Orkney Islands
AR8	Lebanon	KP4	Puerto Rico	VP8	South Sandwich Islands
C (unofficial)	China	KP6	Palmyra Group, Jarvis Island	VP8	South Shetland Islands
C3	Formosa	KR6	Ryukyu Islands (e.g., Okinawa)	VP9	Bermuda Islands
C9	Manchuria	KS4	Swan Island	VQ1	Zanzibar
CE	Chile	KS6	American Samoa	VQ2	Northern Rhodesia
CE7Z, LU, VP8	Antarctica	KV4	Virgin Islands	VQ3	Tanganyika Territory
CM, CO	Cuba	KW6	Wake Island	VQ4	Kenya
CN9	French Morocco	KX6	Marshall Islands	VQ5	Uganda
CN2, KTI	Tangier Zone	KZ5	Canal Zone	VQ6	British Somaliland
CP	Bolivia	LA	Norway	VQ8	Chagos Islands
CR4	Cape Verde Islands	LA	Svalbard (Spitzbergen)	VQ8	Mauritius
CR5	Portuguese Guinea	LU	Argentina	VQ8	Seychelles
CR5	Principe, Sao Thome	LX	Luxembourg	VR1	Gilbert & Ellice Islands & Ocean Island
CR6	Angola	LZ	Bulgaria	VR1	British Phoenix Islands
CR7	Mozambique	M1	San Marino	VR2	Fiji Islands
CR8	Goa (Portuguese India)	MB9	(See OE)	VR3	Fanning Island (Christmas Island)
CR9	Macau	MD4	(See IS)	VR4	Solomon Islands
CR10	Portuguese Timor	MD5	(See SU)	VR6	Tonga (Friendly) Islands
CT1	Portugal	MD6	(See YI)	VR6	Pitcairn Island
CT2	Azores Islands	MF2	(See I)	VS2	Singapore
CT3	Madeira Islands	MI3	(See I6)	VS2	Malaya
CX	Uruguay	MP4	Bahrain Island	VS4	Sarawak
DL, DJ, DM	Germany	MP4	Kuwait	VS5	Brunei
DU	Philippine Islands	MP4	Trucial Oman	VS5	Sarawak
EA	Spain	MS4	(See IS)	VS6	Hong Kong
EA6	Balearic Islands	OA	Peru	VS7	Ceylon
EA8	Canary Islands	OD5	Lebanon	VS9	Aden & Socotra
EA9	Spanish Morocco	OE, MB9, FK58	Austria	VS9	Maldives Islands
EA9	Spanish Guinea	OH	Finland	VU	India
EI	Eire (Irish Free State)	OK	Czechoslovakia	VU4	Laccadive Islands
EK	Tangier Zone	ON	Belgium	W, K	United States of America
EL	Liberia	OQ	Beqian Congo	XE	Mexico
EP, EQ	Iran (Persia)	OX	Greenland	XZ	Burma
ET2	(See I6)	OY	Faeroes	YA	Afghanistan
ET3	Ethiopia	OZ	Denmark	YI, MD6	Iraq
F	France	PA	Netherlands	YI	(See FU8)
FA	Algeria	PJ	Netherlands West Indies	YK	Syria
FB8	Amsterdam & St. Paul Islands	PK1, 2, 3	Iowa	YN	Nicaragua
FB8	Kerquelen Islands	PK4	Sumatra	YO	Roumania
FB8	Madagascar	PK5	Netherlands Borneo	YS	Salvador
FC	Corsica	PK6	Celebes & Molucca Islands	YT, YU	Yugoslavia
FD8	French Togoland	PK6, 7	Netherlands New Guinea	YV	Venezuela
FB8	French Cameroons	PX	Andorra	ZA	Albania
FG8	French West Africa	PY	Brazil	ZB1	Malta
FH8	Guadeloupe	PZ	Netherlands Guiana	ZB2	Gibraltar
FH8	French Indo-China	SM	Sweden	ZC2	Cocos Islands
FKS8	New Caledonia (See OE)	SP	Poland	ZC3	Christmas Island
FL8	French Somaliland	ST	Anglo-Egyptian Sudan	ZC4	Cyprus
FM8	Martinique	SU, MD5	Egypt	ZC5	British North Borneo
FN	French India	SV	Greece	ZC6	Palestine
FO8	French Oceania (e.g., Tahiti)	SV5	Crete	ZD1	Sierra Leone
FP8	St. Pierre & Miquelon Islands	TA	Dodecanese (e.g., Rhodes)	ZD2	Nigeria
FQ8	French Equatorial Africa	TF	Turkey	ZD3	Gambia
FR8	Reunion Island	TG	Iceland	ZD4	Gold Coast, Togoland
FU8, YJ	New Hebrides	TI	Guatemala	ZD6	Nyasaland
FY8	French Guiana & Inini	TI	Costa Rica	ZD7	St. Helena
G	England	TI	Cocos Island	ZD8	Ascension Island
GC	Channel Islands	UA1, 3, 4, 6	European Russian	ZD9	Tristan da Cunha & Gough Island
GD	Isle of Man	UA9, 9	Socialist Federated Soviet Republic	ZE	Southern Rhodesia
GI	Northern Ireland	UB5	Asiatic Russian S.F.S.R.	ZK1	Cook Islands
GM	Scotland	UC2	Ukraine	ZK2	Niue
GW	Wales	UD6	White Russian Soviet Socialist Republic	ZL	New Zealand
HA	Hungary	UF6	Azerbaijan	ZM	British Samoa
HB	Switzerland	UG6	Armenia	ZP	Paraguay
HC	Ecuador	UH8	Turkoman	ZS1, 2, 4, 5, 6	Union of South Africa
HCB	Galapagos Islands	UI8	Uzbek	ZS2	Marion Island
HE	Liechtenstein	UL7	Tadzhik	ZS3	Southwest Africa
HH	Haiti	UM8	Kazakh	ZS7	Swaziland
HI	Dominican Republic	UN1	Kirghiz	ZS8	Basutoland
HK	Colombia	UO5	Karelo-Finnish Republic	ZS9	Bechuanaland
HL	Korea	UP2	Moldavia	3A1, 2	Monaco
HP	Panama	UQ2	Lithuania	3V8	Tunisia
HR	Honduras	UR2	Latvia	4X4	Israel
HS	Siam	VE, VO	Estonia	9S4	Saar
HV	Vatican City	VK	Canada		Aldabra Islands
HZ	Saudi Arabia (Hedjaz & Nejd)	VK1	Australia (including Tasmania)		Andaman and Nicobar Islands
I	Italy	VK1	Heard Island		Bhutan
I, AG2, MF2	Trieste	VK9	Macquarie Island		Clipperton Island
IS, MD4, MS4	Italian Somaliland	VK9	Papua Territory		Comoro Islands
IS, MD3, MI3	Eritrea	VK9	Territory of New Guinea		Easter Island
IS	Sardinia	VO	Norfolk Island		Fridtjof Nansen Land (Franz Josef Land)
IA, KA	Japan	VP1	(See VE)		Inini
IY	Jordan	VP2	British Honduras		Ian Mayen Island
K	(See W)	VP2	Leeward Islands		Jordan
KA	(See JA)	VP2	Windward Islands		Marion Island
KA9	Bonin & Volcano Islands	VP3	British Guiana		Mongolia
KB6	Baker, Howland & American Phoenix Islands	VP4	Trinidad & Tobago		Nepal
KC6	Caroline Islands	VP5	Cayman Islands		Qatar
KC6	Palau Islands	VP5	Jamaica		Rio de Oro
KG4	Guantanamo Bay	VP5	Turks & Caicos Islands		Tannu Tuva
KG6	Mariana Islands	VP6	Barbados		Tokelau (Union) Islands
					Wrangel Islands
					Yemen

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INTERNATIONAL RADIO AMATEUR PREFIXES

The following prefixes are listed in alphabetical order for convenience in locating the country when DX calls are heard.

AC3	SIKKIM	KG6	MARIANA ISLANDS (Guam)	VK	AUSTRALIA
AC4	TIBET	KG6I	TWO JIMA ISLAND	VK7	TASMANIA
AG2	TRIESTE (American)	KG6S	SAIPAN ISLAND	VK9	PAPUA TERRITORY
AP	PAKISTAN	KG6T	TINIAN ISLAND	VO	NEWFOUNDLAND & LABRADOR
C	CHINA	KH6	HAWAIIAN ISLANDS	VP1	BRITISH HONDURAS
CE	CHILE	KJ6	JOHNSTON ISLAND	VP2	LEEWARD & WINDWARD ISLANDS
CM-CO	CUBA	KL7	ALASKA	VP3	BRITISH GUIANA
CN2	TANGIER ZONE	KM6	MIDWAY ISLAND	VP4	TRINIDAD & TOBAGO IS.
CN8	FRENCH MOROCCO	KP4	PUERTO RICO	VP5	JAMAICA, CAYMAN, TURKS & CAICOS IS.
CP	BOLIVIA	KP6	PALMYRA & JARVIS ISLANDS	VP6	BARBADOS
CR4	CAPE VERDE ISLANDS	KR6	OKINAWA	VP7	BAHAMA ISLANDS
CR5	PORTUGUESE GUINEA	KS4	SWAN ISLAND	VP8	FAULKLAND ISLANDS
CR6	ANGOLA	KS6	U. S. SAMOA		South Georgia, South Orkney and South Shetland Islands.
CR7	MOZAMBIQUE	KV4	VIRGIN ISLANDS	VP9	BERMUDA ISLANDS
CR8	GOA (Portuguese India)	KW6	WAKE ISLAND	VQ1	ZANZIBAR
CR9	MACAU	KX6	MARSHALL ISLANDS	VQ2	NORTHERN RHODESIA
CR10	TIMOR ISLAND (Port.)	KZ5	CANAL ZONE	VQ3	TANGANYIKA TERRITORY
CT1	PORTUGAL	LA	NORWAY	VQ4	KENYA
CT2	AZORES ISLANDS	LU	ARGENTINA	VQ5	UGANDA
CT3	MADERIA ISLANDS	LX	LUXEMBOURG	VQ6	BRITISH SOMALILAND
CX	URUGUAY	LZ	BULGARIA	VQ8	CHAGOS & MAURITIUS ISLANDS
DL	GERMANY	MB9	AUSTRIA	VQ9	SEYCHELLES
DU	PHILIPPINE ISLANDS	MD4	SOMALIA	VR1	GILBERT ELLICE & OCEAN ISLANDS
EA	SPAIN	MD5	SUEZ CANAL ZONE	VR2	FIJI ISLANDS
EA6	BALEARIC ISLANDS	MD6	IRAQ	VR3	PANNING ISLAND
EA8	CANARY ISLANDS	MF2	TRIESTE (British)	VR4	SOLOMON ISLANDS
EA9	SPANISH MOROCCO	MI3	ERITREA	VR5	TONGA (Friendly) ISLAND
EI	IRELAND	MP4	BAHRAIN IS. & OMAN	VR6	PITCAIRN ISLAND
EL	LIBERIA	OA	PERU	VS1	SINGAPORE
EQ	IRAN (ex Persia)	OH	FINLAND	VS2	MALAYAN UNION
ET	ERITREA & ETHIOPIA	OE	AUSTRIA	VS4	BRITISH NORTH BORNEO
F	FRANCE	OD5	LEBANON	VS5	BRUNEI & SARAWAK
FA	ALGERIA	OK	CZECHOSLOVAKIA	VS6	HONG KONG
FB8	MADAGASCAR	ON	BELGIUM	VS9	ADEN & SOCOTRA ISLANDS
FC	CORSICA	OQ5	BELGIAN CONGO	VU	INDIA
FD8	FRENCH TOGOLAND	OX	GREENLAND	VU4	LACCADIVE ISLANDS
FL3	FRENCH CAMEROONS	OY	FAEROES ISLANDS	VU5	ANDAMAN ISLANDS
FF8	FRENCH WEST AFRICA	OZ	DENMARK	W	UNITED STATES
FG8	GUADELOUPE	PA, PI	NETHERLANDS	XE	MEXICO
FI8	FRENCH INDO-CHINA	PJ	NETH. WEST INDIES	XZ	BURMA
FKS	FRENCH-AUSTRIA	PK1, 2, 3	JAVA	YA	AFGHANISTAN
PK8	NEW CALEDONIA	PK4	SUMATRA	YI	IRAQ
FL8	FRENCH SOMALILAND	PK5	BORNEO (Neth. Indies)	YJ	NEW HEBRIDES
FM8	MARTINIQUE	PK6	CELEBES & MOLUCCA ISLANDS	YK	SYRIA
FN	FRENCH INDIA	PK7	NETHERLAND NEW GUINEA	YN	NICARAGUA
FO8	TAHITI	PX	ANDORRA	YO	ROUMANIA
FP8	MIQUELON & ST. PIERRE IS.	PY	BRAZIL	YS	SALVADOR
FQ8	FRENCH EQUATORIAL AFRICA	PZ	SURINAM	YT, YU	YUGOSLAVIA
FR8	REUNION ISLAND	SM	SWEDEN	YV	VENEZUELA
FU8	NEW HEBRIDES	SP	POLAND	ZA	ALBANIA
FY7	FRENCH GUIANA	ST	SUDAN	ZB1	MALTA
G	ENGLAND	SU	EGYPT	ZB2	GIBALTAR
GC	CHANNEL ISLANDS	SV	CRETE & GREECE	ZC1	TRANSJORDAN
GD	ISLE OF MAN	SV5	DODECANESE ISLANDS	ZC2	COCOS ISLANDS
GI	NORTHERN IRELAND	TA	TURKEY	ZC3	CHRISTMAS ISLAND
GM	SCOTLAND	TF	ICELAND	ZC4	CYPRUS
GW	WALES	TG	GUATEMALA	ZD1	SIERRA LEONE
HA	HUNGARY	TI	COSTA RICA	ZD2	NIGERIA
HB	SWITZERLAND	TT	TANNU TUVA	ZD3	GAMBIA
HC	ECUADOR	UA1-3-4-6	EUROPEAN RUSSIAN SOCIALIST FEDERATED SOVIET REPUBLIC	ZD4	GOLD COAST & TOGOLAND
HEI	LIECHTENSTEIN	UA9-4	ASIATIC RUSSIAN S. F. S. R.	ZD6	NYASALAND
HH	HAITI	UB5	UKRAINE	ZD7	SAINT HELENA
HI	DOMINICAN REPUBLIC	UC5	WHITE RUSSIAN S.S.R.	ZD8	ASCENSION ISLAND
HK	COLOMBIAN REPUBLIC	UD6	AZERBAIJAN	ZD9	TRISTAN DA CUNHA
HL1	KOREA	UF6	GEORGIA	ZE	SOUTHERN RHODESIA
HP	PANAMA	UG6	ARMENIA	ZK1	COOK ISLANDS
HR	HONDURAS	UH8	TURKOMAN	ZK2	NIUE
HS	SIAM	UI8	UZBEK	ZL	NEW ZEALAND
HV	VATICAN CITY	UJ8	TADZHIK	ZM	WESTERN SAMOA
HZ	SAUDI ARABIA	UL7	KAZAKH	ZP	PARAGUAY
I	ITALY	UMB	KIRGHIZ	ZS	UNION OF SOUTH AFRICA
K	UNITED STATES	UN1	KARELO-FINNISH REPUBLIC	3A2	MONACO
KA	JAPAN	UO5	MOLDAVIA	3V8	TUNISIA
KB6	BAKER, CANTON, ENDERBURY, HOWLAND & PHOENIX ISLANDS	UP	LITHUANIA	4S7	CEYLON
KC4	ANTARCTICA	UQ	LATVIA	4X4	ISRAEL
KC6	CAROLINE ISLANDS	UR	ESTONIA	5A2	LIBYA
KG4	GUANTANAMO BAY, CUBA	VE	CANADA	9S4	SAARLAND



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PREFIXES—BY COUNTRIES

The following countries listed in alphabetical order by country show international radio amateur prefixes. Characters in () designate the continent and zone in which the country is located. Abbreviations are as follows: A—Asia, AF—Africa, E—Europe, NA—North America, O—Oceania, SA—South America.

ADEN (A-21)	VS9	GUADELOUPE (NA-8)	FG8	RHODESIA, NORTHERN (AF-36)	VQ2
AFGHANISTAN (A-21)	YA	GUAM (O-27)	KG6	RHODESIA, SOUTHERN (AF-38)	ZE
ALASKA (NA-1)	KL7	GUANTANAMO BAY (NA-8)	KG4	ROUMANIA (E-20)	YO
ALBANIA (E-15)	ZA	GUATEMALA (NA-7)	TG	RYUKYU ISLANDS (A25)	KR6
ALGERIA (AF-33)	FA	GUIANA, BRITISH (SA-9)	VP3	SAARLAND (E-14)	9S4
ANDORRA (E-14)	PX	GUIANA, FRENCH (SA-9)	FY7	SAINT HELENA (AF-36)	ZD7
ANGLO-EGYPTIAN SUDAN (AF-34)	ST	GUIANA, NETHERLANDS (SA-9)	PZ	SAIPAN ISLAND (O-27)	KG6S
ANGOLA (AF-36)	CR6	GUINEA, PORTUGUESE (AF-35)	CR5	SALVADOR (NA-7)	YS
ARGENTINA (SA-13)	LU	HAITI (NA-8)	HH	SAMOA (U.S.) (O-32)	KS6
ASCENSION ISLAND (AF-36)	ZD8	HAWAIIAN ISLANDS (O-31)	KH6	SAMOA (Western) (O-32)	ZM
AUSTRALIA (O-29 & 30)	VK	HONDURAS (NA-7)	HR	SARAWAK (O-28)	VS5
AUSTRIA (E-15)	OE	HONG KONG (A-24)	VS6	SAUDI ARABIA (A-21)	HZ
AZORES ISLANDS (E-14)	CT2	HOWLAND ISLAND (O-31)	KB6	SCOTLAND (E-14)	GM
BAHAMA ISLANDS (NA-8)	VP7	HUNGARY (E-15)	HA	SEYCHELLES (AF-39)	VQ9
BAHRAIN ISLANDS (AF-21)	MP4	ICELAND (E-40)	TF	SIAM (A-26)	HS
BAKER ISLAND (O-31)	KB6	INDIA (A-21)	VU	SIERRA LEONE (AF-35)	ZD1
BALEARIC ISLANDS (E-14)	EA6	IRAN (A-21)	EQ	SIKKIM (A-22)	AC3
BARBADOS (NA-8)	VP6	IRAQ (A-21)	YI	SOCOTRA ISLAND (AF-37)	VS4
BASUTOLAND (AF-38)	ZS4	IRELAND (E-14)	EI	SOLOMON ISLANDS (O-28)	VR4
BELGIAN CONGO (AF-36)	OQ	ISLE OF MAN (E-14)	GD	SOMALILAND, British (AF-37)	VQ6
BELGIUM (E-14)	ON	ISRAEL (A-20)	4X4	SOMALILAND, French (AF-37)	FL8
BERMUDA ISLANDS (NA-5)	VP9	ITALY (E-15)	I	SOMALILAND, Italian (AF-37)	IS
BOLIVIA (SA-10)	CP	IWO JIMA ISLAND (O-25)	KG6I	SOUTH GEORGIA (SA-13)	VP8
BORNEO (Br. North) (O-28)	VS4	JAMAICA (NA-8)	VP5	SOUTH ORKNEY ISLANDS (SA-13)	VP8
BORNEO (Neth. Indies) (O-28)	PK5	JAN MAYEN ISLAND (E-40)	OY	SOUTH SANDWICH ISLANDS (SA-13)	VP8
BRAZIL (SA-11)	PY	JAPAN (A-25)	KA	SOUTH SHETLAND ISLANDS (SA-13)	VP8
BRITISH HONDURAS (NA-7)	VP1	JARVIS ISLAND (O-31)	PK6	SOUTHWEST AFRICA (AF-38)	ZS3
BRUNEI (O-28)	VS5	JAVA (O-28)	PK1, 2, 3		
BULGARIA (E-20)	LZ	JOHNSTON ISLAND (O-31)	KJ6		
BURMA (A-26)	XZ				
CAMEROONS, British (AF-36)	ZD2	KENYA (AF-37)	VQ4	SOVIET UNION: EUROPEAN RUSSIAN SOCIALIST	
CAMEROONS, French (AF-36)	FEB	KOREA (A-25)	HL1	FEDERATED SOVIET REP. (E-16)	UA1, 3, 4, 6
CANADA (NA-1 to 5)	VE	LABRADOR (NA-2)	VO	ASIATIC RUSSIAN S.F.S.R. (A-18, 19)	UA9, 6
CANAL ZONE (NA-7)	KZ5	LACCADIVE ISLANDS (A-22)	VU4	UKRAINE (E-16)	UB5
CANARY ISLANDS (AF-33)	EA8	LEBANON REPUBLIC (A-20)	OD5	WHITE RUSSIAN S.S.R. (E-16)	UC
CANTON ISLAND (O-31)	KB6	LEEWARD ISLANDS (NA-8)	VP2	AZERBAIJAN (E-21)	UD6
CAPE VERDE ISLANDS (AF-35)	CR4	LIBERIA (AF-35)	EL	GEORGIA (E-21)	UF6
CAROLINE ISLANDS (O-27)	KC6	LIBYA (AF-34)	5A2	ARMENIA (E-21)	UG6
CAYMAN ISLANDS (NA-8)	VP5	LIECHTENSTEIN (E-14)	HE1	TURKOMAN (A-17)	UH8
CELEBES (O-28)	PK6	LITTLE AMERICA (SA-13)	KC4	UZBEK (A-17)	UI8
CEYLON (A-22)	4S7	LUXEMBOURG (E-14)	LX	TADZHIK (A-17)	UJ8
CHAGOS ISLANDS (AF-39)	VQ8	MACAU (A-24)	CR9	KAZAKH (A-17)	UL7
CHANNEL ISLANDS (E-14)	GC	MADAGASCAR (AF-39)	FB8	KIRGHIZ (A-17)	UM8
CHILE (SA-12)	CE	MADEIRA ISLANDS (AF-33)	CT3	KARELO-FINNISH REP. (E-16)	UN1
CHINA (A-23 & 24)	C	MALAYA (A-28)	VS1, 2	MOLDAVIA (E-16)	UO5
CHRISTMAS ISLAND (O-31)	ZC3	MALDIVES ISLANDS (A-22)	VS9	LITHUANIA (E-15)	UP
COCOS ISLAND (NA-7)	TI	MALTA (E-15)	ZB1	LATVIA (E-15)	UQ
COCOS ISLANDS (O-29)	ZC2	MARIANAS ISLANDS (O-27)	KG6	ESTONIA (E-15)	UR
COLOMBIA (SA-9)	HK	MARSHALL ISLANDS (O-31)	KX6	SPAIN (E-14)	EA
COOK ISLANDS (O-32)	ZK1	MARTINIQUE (NA-8)	FM8	SUMATRA (O-28)	PK4
CORSICA (E-15)	FC	MAURITIUS (AF-39)	VQ8	SWAN ISLAND (NA-7)	KS4
COSTA RICA (NA-7)	TI	MEXICO (NA-6)	XE	SWEDEN (E-14)	SM
CRETE (E-20)	SV	MIDWAY ISLAND (O-31)	KM6	SWITZERLAND (E-14)	HB
CUBA (NA-8)	CM, CO	MIQUELON ISLAND (NA-5)	FP8	SYRIA (A-20)	YK
CYPRUS (A-20)	ZC4	MONACO (E-14)	3A2	TANGANYIKA (AF-37)	VQ3
CZECHOSLOVAKIA (E-15)	OK	MOROCCO, French (AF-33)	CN	TANGIER ZONE (AF-33)	CN2
DENMARK (E-14)	OZ	MOROCCO, Spanish (AF-33)	EA9	TANNU TUVA (A-23)	TT
DODECANESE ISLANDS (E-20)	SV5	MOZAMBIQUE (AF-37)	CR7	TIBET (A-23)	AC4
DOMINICAN REPUBLIC (NA-8)	HI	NETHERLANDS (E-14)	PA	TIMOR, Portuguese (O-28)	CR10
ECUADOR (SA-10)	HC	NETHERLAND W. INDIES (SA-9)	PJ	TINIAN ISLAND (O-27)	KG6T
EGYPT (AF-34)	SU	NEW CALEDONIA (O-32)	FK8	TOGOLAND, French (AF-35)	FD8
ELLICE ISLANDS (O-31)	VR1	NEWFOUNDLAND (NA-5)	VO	TONGA (Friendly) ISLANDS (O-32)	VR5
ENGLAND (E-14)	G	NEW GUINEA, Netherlands (O-28)	PK6	TRANSJORDAN (A-20)	ZC1
ERITREA (AF-37)	ET	NEW GUINEA, Territory of (O-28)	VK9	TRIESTE (E-15)	AG2 & MF2
ETHIOPIA (AF-37)	ET	NEW HEBRIDES (O-32)	FU8, YI	TRINIDAD & TOBAGO (SA-9)	VP4
FAEROES, The (E-14)	OY	NEW ZEALAND (O-32)	ZL	TRISTAN da CUNHA & COUGH ISLAND (AF-38)	ZD9
FALKLAND ISLANDS (SA-13)	VP8	NICARAGUA (NA-7)	YN	TUNISIA (AF-33)	3V8
FANNING ISLAND (O-31)	VR3	NIGERIA (AF-35)	ZD2	TURKEY (A-20)	TA
FIJI ISLANDS (O-32)	VR2	NIUE (O-32)	ZK2	TURKS & CAICOS ISLANDS (NA-8)	VP5
FINLAND (E-15)	OH	NORTHERN IRELAND (E-14)	GI		
FRANCE (E-14)	F	NORWAY (E-14)	LA		
FRENCH-AUSTRIA (E-15)	FKS	NYASALAND (AF-37)	ZD6		
FR. EQUATORIAL AFRICA (AF-36)	FQ8	OKINAWA (A-25)	KR6	UGANDA (AF-37)	VQ5
FRENCH INDIA (A-22)	FN	OMAN (A-21)	MP4	UNION OF SOUTH AFRICA (AF-38)	ZS
FRENCH INDO-CHINA (A-26)	F18	PAKISTAN (A-21, 22)	AP	UNITED STATES of AMERICA (NA-3, 4, 5)	W, K
FRENCH OCEANIA (O-32)	FO8	PANAMA (NA-7)	HP	URUGUAY (SA-13)	CX
FRENCH WEST AFRICA (AF-35)	FF8	PAPUA TERRITORY (O-28)	VK9		
		PARAGUAY (SA-11)	ZP	VATICAN CITY (E-15)	HV
GAMBIA (AF-35)	ZD3	PERU (SA-10)	OA	VENEZUELA (SA-9)	YV
GERMANY (E-14)	DL	PHILIPPINE ISLANDS (O-27)	DU	VIRGIN ISLANDS (NA-8)	KV4
GIBRALTAR (E-14)	ZB2	PITCAIRN ISLAND (O-32)	VR6		
GILBERT ISLANDS (O-31)	VR1	POLAND (E-15)	SP	WAKE ISLAND (O-31)	KW6
GOA (Portuguese India) (A-22)	CR8	PORTUGAL (E-14)	CT1	WALES (E-14)	GW
GOLD COAST (AF-35)	ZD4	PUERTO RICO (NA-8)	KP4	WINDWARD ISLANDS (NA-8)	VP2
GREECE (E-20)	SV	REUNION ISLAND (AF-39)	FR8		
GREENLAND (NA-40)	OX			YUGOSLAVIA (E-15)	YT, YU
				ZANZIBAR (AF-37)	VQ1

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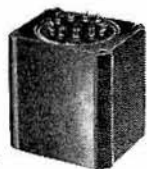
The following table shows the postal rates for QSL cards, first class letters and air mail to the United States Possessions and foreign countries. International reply coupons may be purchased at any United States Post office. Upon presentation at a post office in any country except Korea, the coupon will entitle the person presenting it to receive a postage stamp or stamps of that country of sufficient value to prepay an ordinary letter of the first unit of weight addressed for delivery in this country. The column marked "RP" shows the number of international reply coupons required to prepay an air mail letter of the first weight unit from the countries indicated to the United States. The first class rates show the rate for the first ounce. Add four cents for each additional ounce or fraction. The air mail rates are for each half ounce except where indicated.

COUNTRY	QSL cards	First class	Air mail	RP	COUNTRY	QSL cards	First class	Air mail	RP	COUNTRY	QSL cards	First class	Air mail	RP
ADEN	\$.04	\$.08	\$.25	7	FRENCH OCEANIA	.04	.08	.25	3	NORWAY	.04	.08	.15	2
AFGHANISTAN	.04	.08	.25	7	FRENCH SOMALILAND	.04	.08	.25	3	NYASALAND	.04	.08	.25	4
ALASKA	.02	.03	.06*		FRENCH SUDAN	.04	.08	.25	2	OKINAWA	.04	.08	.25	5
ALBANIA	.04	.08	.15	2	FRENCH TOGOLAND	.04	.08	.25	2	PAKISTAN	.04	.08	.25	5
ALGERIA	.04	.08	.15	2	GAMBIA	.04	.08	.25	6	PANAMA	.04	.08	.10	3
ANDORRA	.04	.08	.15	8	GERMANY	.04	.08	.15	2	PAPUA	.04	.08	.25	6
ANGLO-EGYPTIAN SUDAN	.04	.08	.25	4	GIBRALTAR	.04	.08	.15	3	PARAGUAY	.04	.08	.10	3
ANGOLA	.04	.08	.25	4	GILBERT & ELLICE IS.	.04	.08	.25	6	PERU	.04	.08	.10	5
ANGUILLA	.04	.08	.10	6	GOLD COAST COLONY	.04	.08	.25	11	PHILIPPINE IS.	.04	.08	.25	15
ANTIGUA	.04	.08	.10	6	GREECE	.04	.08	.15	2	POLAND	.04	.08	.15	3
ARGENTINA	.04	.08	.10	5	GRENADA, BWI	.04	.08	.10	3	PORTUGAL	.04	.08	.15	3
ARUBA	.04	.08	.10	1	GRENADINES, BWI	.04	.08	.10	3	PORT. EAST AFRICA	.04	.08	.25	3
AUSTRALIA	.04	.08	.25	4	GUADALOUPE	.04	.08	.10	2	PORTUGUESE GUINEA	.04	.08	.25	3
AUSTRIA	.04	.08	.15	2	GUAM	.0	.03	.06*		PORTUGUESE INDIA	.04	.08	.25	3
AZORES	.04	.08	.15	3	GUATEMALA	.04	.08	.10	2	PORTUGUESE TIMOR	.04	.08	.25	5
BAHAMAS	.04	.08	.10	2	HAITI	.04	.08	.10	2	PORTUGUESE W. AFRICA	.04	.08	.25	3
BAHRAIN ISLANDS	.04	.08	.25	4	HAWAII	.02	.03	.06*		PUERTO RICO	.04	.08	.06*	
BALEARIC ISLANDS	.04	.08	.15	8	HONDURAS	.04	.08	.10	2	REDONDA, BWI	.04	.08	.10	6
BALUCHISTAN	.04	.08	.25	5	HONG KONG	.04	.08	.25	5	REUNION ISLAND	.04	.08	.25	3
BARBADOS	.04	.08	.10	2	HUNGARY	.04	.08	.15	3	RIO DE ORO	.04	.08	.25	10
BARBUDA	.04	.08	.10	2	ICELAND	.04	.08	.15	2	ROMANIA	.04	.08	.15	5
BECHUANALAND	.04	.08	.25	6	INDIA	.04	.08	.25	6	RYUKYU ISLANDS	.04	.08	.25	5
BELGIAN CONGO	.04	.08	.25	3	INDO-CHINA	.04	.08	.25	3	ST CHRISTOPHER, BWI	.04	.08	.10	6
BELGIUM	.04	.08	.15	2	INDONESIA	.04	.08	.25	4	ST HELENA	.04	.08	.25	6
BERMUDA	.04	.08	.10	3	IRAN	.04	.08	.25	5	ST KITS, BWI	.04	.08	.10	6
BOLIVIA	.04	.08	.10	3	IRAQ	.04	.08	.25	3	ST LUCIA, BWI	.04	.08	.10	4
BRAZIL	.04	.08	.10	3	ISRAEL	.04	.08	.25	2	ST PIERRE & MIQUELON	.04	.08	.08*	3
BRITISH CAMEROONS	.04	.08	.25	6	ITALY	.04	.08	.15	2	ST VINCENT, BWI	.04	.08	.10	4
BRITISH GUIANA	.04	.08	.10	4	IVORY COAST	.04	.08	.25	2	SALVADOR	.04	.08	.10	2
BRITISH HONDURAS	.04	.08	.10	2	JAMAICA	.04	.08	.10	2	SAMOA (Br.)	.04	.08	.25	
BRITISH SOMALILAND	.04	.08	.25	8	JAPAN	.04	.08	.25	4	SAN MARINO	.04	.08	.15	2
BR. VIRGIN ISLANDS	.04	.08	.10	6	JORDAN	.04	.08	.25	5	SARAWAK	.04	.08	.25	6
BRUNEI	.04	.08	.25	6	KENYA & UGANDA	.04	.08	.25	5	SAUDI ARABIA	.04	.08	.25	
BULGARIA	.04	.08	.15	3	KOREA	.04	.08	.25		SCOTLAND	.04	.08	.15	6
BURMA	.04	.08	.25	5	LABUAN	.04	.08	.25	6	SENEGAL	.04	.08	.25	2
CANADA	.02	.03	.06*	2	LATVIA	.04	.08	.15	4	SEYCHELLES	.04	.08	.25	3
CANAL ZONE	.02	.03	.06*		LEBANON	.04	.08	.25	3	SIERRA LEOE	.04	.08	.25	8
CANARY ISLANDS	.04	.08	.15	8	LIBERIA	.04	.08	.25	5	SOLOMON ISLANDS	.04	.08	.25	5
CANTON ISLAND	.02	.03	.06*		LIBYA	.04	.08	.15	5	SOMALIA	.04	.08	.25	5
CAPE VERDE ISLANDS	.04	.08	.25	3	LIECHTENSTEIN	.04	.08	.15	0	SOUTHERN RHODESIA	.04	.08	.25	6
CAYMAN ISLANDS	.04	.08	.10	2	LITHUANIA	.04	.08	.15	4	SOUTHWEST AFRICA	.04	.08	.25	6
CEYLON	.04	.08	.25	7	LUXEMBOURG	.04	.08	.15	2	SPAIN	.04	.08	.15	8
CHILE	.04	.08	.10	6	MACAO	.04	.08	.25	3	SPANISH GUINEA	.04	.08	.25	10
CHINA	.04	.08	.25	4	MADAGASCAR	.04	.08	.25	4	STRAIT SETTLEMENTS	.04	.08	.25	5
COLOMBIA	.04	.08	.10	7	MADEIRA ISLANDS	.04	.08	.15	3	SURINAM	.04	.08	.10	3
COOK ISLANDS	.04	.08	.25	6	MALAYA	.04	.08	.25	5	SWEDEN	.04	.08	.15	2
CORSICA	.04	.08	.15	2	MALTA	.04	.08	.15	4	SWITZERLAND	.04	.08	.15	2
COSTA RICA	.04	.08	.10	3	MANCHURIA	.04	.08	.25	4	SYRIA	.04	.08	.25	3
CUBA	.04	.08	.08	3	MARTINIQUE	.04	.08	.10	2	TAIWAN (Formosa)	.04	.08	.25	4
CURACAO	.04	.08	.10	1	MAURITANIA	.04	.08	.25	2	TANGANYIKA	.04	.08	.25	5
CYPRUS	.04	.08	.25	3	MAURITIUS	.04	.08	.25	3	THAILAND	.04	.08	.25	3
CYRENAICA	.04	.08	.15	5	MEXICO	.02	.03	.06*	2	TIBET	.04	.08	.25	4
CZECHOSLOVAKIA	.04	.08	.15	2	MIDWAY ISLAND	.02	.03	.06*		TONGA ISLANDS	.04	.08	.25	5
DAHOMY	.04	.08	.25	2	MONACO	.04	.08	.15	2	TRIESTE	.04	.08	.15	2
DENMARK	.04	.08	.15	2	MONTERRAT, BWI	.04	.08	.10	6	TRINIDAD	.04	.08	.10	3
DODECANESE IS.	.04	.08	.15	2	MOROCCO, (Br. & Fr.)	.04	.08	.15	2	TRIPOITANIA	.04	.08	.15	5
DOMINICA	.04	.08	.10	4	MOROCCO, (Spain)	.04	.08	.15	8	TRISTAN DA CUNHA	.04	.08	.25	
DOMINICAN REPUBLIC	.04	.08	.10	2	MOZAMBIQUE	.04	.08	.25	3	TUNISIA	.04	.08	.15	2
ECUADOR	.04	.08	.10	2	NAURU ISLAND	.04	.08	.25		TURKEY	.04	.08	.15	3
EGYPT	.04	.08	.15	2	NETHERLANDS	.04	.08	.15	3	TURKS ISLAND	.04	.08	.10	3
EIRE (Ireland)	.04	.08	.15	5	NETHERLANDS ANTILLES	.04	.08	.25	1	UGANDA	.04	.08	.25	5
ENGLAND	.04	.08	.15	6	NEVIS	.04	.08	.10	6	UNION OF SOUTH AFRICA	.04	.08	.25	6
ERITREA	.04	.08	.25		NEW CALEDONIA	.04	.08	.25	3	URUGUAY	.04	.08	.10	4
ESTONIA	.04	.08	.15	4	NEWFOUNDLAND	.02	.03	.06*	2	U.S.S.R.	.04	.08	.15	4
ETHIOPIA	.04	.08	.25	3	NEW GUINEA	.04	.08	.25	6	U. S. VIRGIN IS.	.02	.03	.06*	
FALKLAND ISLANDS	.04	.08	.10		NEW HEBRIDES	.04	.08	.25	3	VATICAN CITY	.04	.08	.15	2
FAEROE ISLANDS	.04	.08	.15	2	NEW ZEALAND	.04	.08	.25	6	VENEZUELA	.04	.08	.10	3
FII ISLANDS	.04	.08	.25	6	NICARAGUA	.04	.08	.10	3	WAKE ISLAND	.02	.03	.06*	
FINLAND	.04	.08	.15	2	NIGER	.04	.08	.25	2	YEMEN	.04	.08	.25	
FRANCE	.04	.08	.15	2	NIGERIA	.04	.08	.25	6	YUGOSLAVIA	.04	.08	.15	2
FRENCH CAMEROONS	.04	.08	.25		NORTH BORNEO	.04	.08	.25	7	ZANZIBAR	.04	.08	.25	6
FRENCH EQ. AFRICA	.04	.08	.25	3	NORTHERN IRELAND	.04	.08	.15	6					
FRENCH GUIANA	.04	.08	.10	2	NORTHERN RHODESIA	.04	.08	.25	7					
FRENCH GUINEA	.04	.08	.25	2										
FRENCH INDIA	.04	.08	.25											

* rate per ounce.



COMPONENTS FOR EVERY APPLICATION



LINEAR STANDARD
High Fidelity Ideal



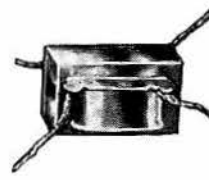
HIPERM ALLOY
High Fidelity . . . Compact



ULTRA COMPACT
Portable . . . High Fidelity



OUNCER
Wide Range . . . 1 ounce



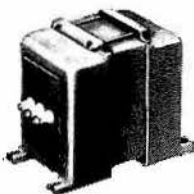
SUB OUNCER
Weight 1/2 ounce



COMMERCIAL GRADE
Industrial Dependability



SPECIAL SERIES
Quality for the "Ham"



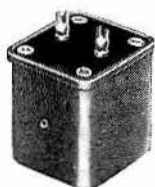
POWER COMPONENTS
Rugged . . . Dependable



VARITRAN
Voltage Adjustors



MODULATION UNITS
One watt to 100KW



VARIABLE INDUCTOR
Adjust like a Trimmer



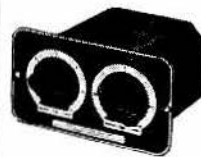
TOROID HIGH Q COILS
Accuracy . . . Stability



TOROID FILTERS
Any type to 300KC



MU-CORE FILTERS
Any type 1/2 - 10,000 cyc.



EQUALIZERS
Broadcast & Sound



PULSE TRANSFORMERS
For all Services



HERMETIC COMPONENTS
Ceramic Terminals



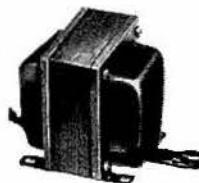
HERMETIC COMPONENTS
Glass Terminals



GRADE 3 JAN
Components



CABLE TYPE
For mike cable line



VERTICAL SHELLS
Husky . . . Inexpensive



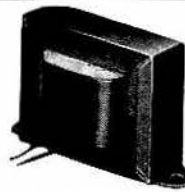
REPLACEMENT
Universal Mounting



STEP-DOWN
Up to 2500W . . . Stock



LINE ADJUSTORS
Match any line voltage



CHANNEL FRAME
Simple . . . Low cost

United Transformer Co.

150 VARICK STREET

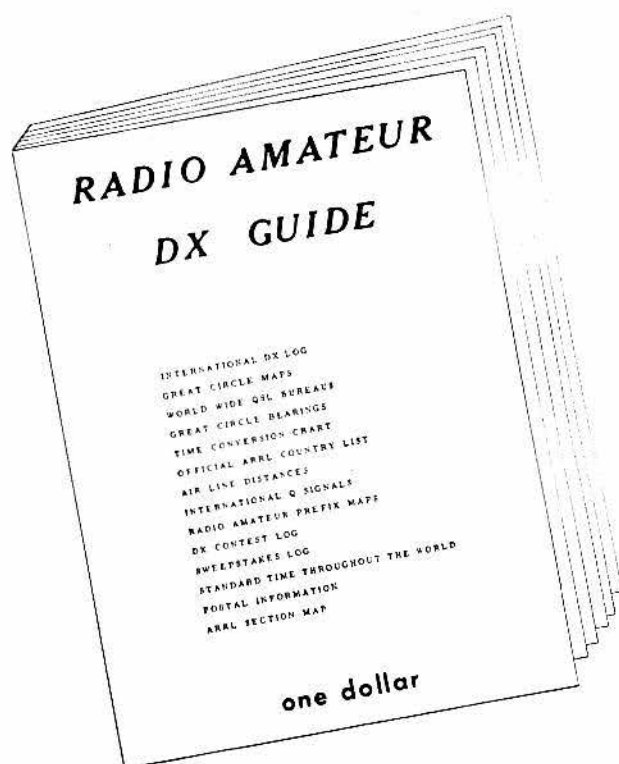
NEW YORK 13, N. Y.

EXPORT DIVISION: 13 EAST 40th STREET, NEW YORK 16, N. Y., CABLES: "ARLAB"

THE UNITED STATES



To find the great circle bearing to any point in the world from the center of the United States, draw a straight line from the star and note the reading in degrees on the outer scale. The bar scale at the bottom of the chart can be used to determine the distance in statute miles. For bearings to the nearest degree reference is invited to the table on the opposite Page. The outlines of this chart were prepared by the U.S. Coast and Geodetic Survey.



A HANDY REFERENCE BOOK FOR ALL RADIO AMATEURS

The RADIO AMATEUR DX GUIDE

fills a definite need for a handy book to have around the ham shack for reference purposes. Printed on a good grade of paper each page is perforated so that it can be easily removed for mounting under glass or on the wall.

JUST LOOK AT THIS TABLE OF CONTENTS

INTERNATIONAL DX LOG

This log lists all countries in alphabetical order showing the prefix, continent and zone. Ample space is also provided for listing the date, station worked, frequency and QSL card sent or received. Very convenient for a permanent record of all of the countries that you have worked. An extra page is provided for those rare countries with unassigned prefixes.

WORLD MAP SHOWING RADIO AMATEUR PREFIXES

This is an outline map of the world with all radio amateur prefixes. Total size 15 x 10 inches. Excellent for mounting.

GREAT CIRCLE MAPS

Three great circle maps are included centered on San Francisco, California; the center of the United States and New York, N. Y.

GREAT CIRCLE OUTLINE CHART OF THE UNITED STATES

Published by the U. S. Coast and Geodetic Survey, it is possible to determine the great circle bearing between any two points in the United States, with the proper use of this map.

PREFIX MAP OF SOUTH AMERICA

An outline map of South America showing the number or letter designating all sections and countries. Very handy for determining just what part of each country is heard or worked.

ARRL SECTION MAP

Four copies of this map are included which shows all of the ARRL sections in the United States. These maps can be used for checking off the different sections worked during ARRL contests.

GREAT CIRCLE BEARING TABLES

Each of these bearing tables are printed on a separate sheet which is perforated for easy removal of the one nearest to your location. Over 250 bearings are shown on each table and where cities are listed the bearing to the nearest degree is given. Bearings are included on the following points: Atlanta, Ga.; Boston, Mass.; Center of the USA; Chicago, Ill.; Denver, Colo.; Kansas City, Mo.; Los Angeles, Calif.; Miami, Fla.; New Orleans, La.; New York, N. Y.; San Francisco, Calif.; and Seattle, Wash.

GREAT CIRCLE BEARINGS TO WORLD WIDE METROPOLITAN AREAS

Exact bearings are shown in this table to the nearest degree, from 39 cities in the USA to the same number of metropolitan areas throughout the world.

GREAT CIRCLE BEARINGS IN THE UNITED STATES

This table includes bearings between 39 large cities in the USA. Accurate to the nearest degree it is a valuable aid for VHF work as well as handling traffic through QRM.

TIME CONVERSION TABLE

With this time conversion table you can determine the time in any time zone in the world. Also provision is made to know whether it is today or tomorrow at the place heard or worked.

TIME THROUGHOUT THE WORLD

This page includes a list of time zones of countries the world over and an explanation of the International Time Zone System. Compiled by the National Bureau of Standards.

AIR LINE DISTANCES IN THE UNITED STATES

Arranged in alphabetical order, this page shows the air line distance between 39 cities in the United States. Compiled from information prepared by the U. S. Coast and Geodetic Survey.

INTERNATIONAL Q SIGNALS

All of the "Q" signals have been arranged on one page for instant reference.

POSTAL INFORMATION

This page shows the postal rates for QSL cards, first class and air mail letters to all foreign countries. Also the number of international reply coupons for sufficient postage for a return air mail letter is shown for most countries.

WORLD WIDE QSL BUREAUS

A complete list of all of the International QSL Bureaus, right up to date, are shown, compiled from the records of the CALLBOOK.

ARRL COUNTRIES LIST

Official list of ARRL DX contest and postwar DXCC. Courtesy ARRL.

DX CONTEST AND FIELD DAY LOG

This section contains ten pages of a log that can be used either for a DX contest or the annual ARRL field day.

ARRL SWEEPSTAKES LOG

It is no longer necessary to rule up your own log pages before a sweepstakes contest. Twelve pages are included. Courtesy ARRL.

PRICE: ONE DOLLAR

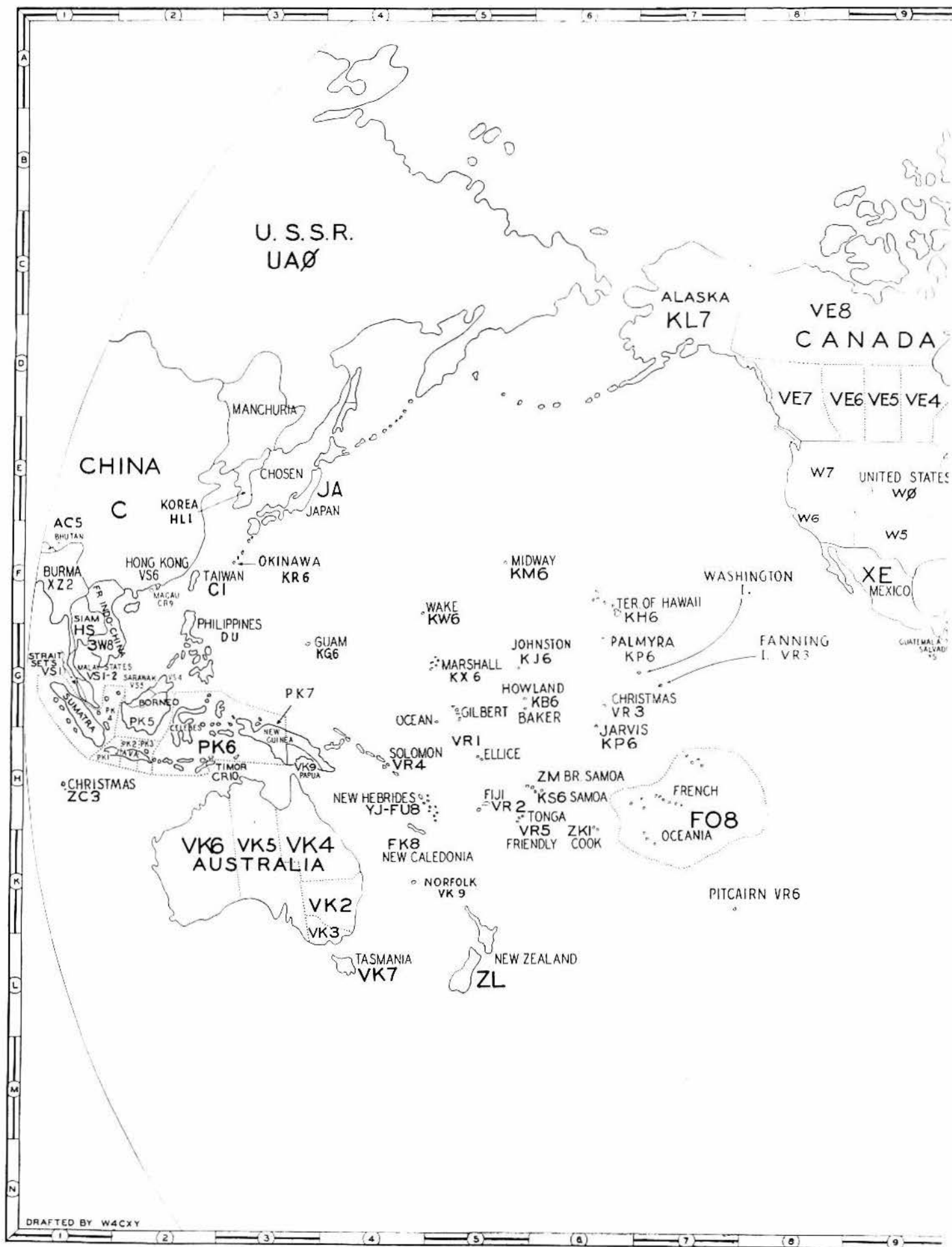
ON SALE AT YOUR FAVORITE RADIO PARTS DISTRIBUTOR OR DIRECT FROM:

RADIO AMATEUR CALL BOOK, INC.

CHICAGO 5, ILLINOIS

608 SOUTH DEARBORN STREET

WORLD MAP SHOWING



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NC-88 The "World Master". Compare feature for feature, dollar for dollar! Calibrated bandspread for 80, 40, 20, 15, 11 and 10 meter bands! Eight min. high gain tubes in advanced A.C. superhet circuit. Tuned R.F. stage. Two I.F. stages. Ant. trim. Sensitivity control. Noise limiter. Delayed A.V.C. Headphone jack. Standby-receive switch. Tone control. **\$129.95**

HRO-60 Latest and best of the world-famous HRO series—the finest general communication receiver money can buy! Utilizes dual conversion and 12 permeability tuned I. F. circuits for the highest skirt selectivity ever achieved! **\$533.50**
(less spkr.)



NC-183D One of the most popular amateur receivers ever designed. Includes every desirable feature—dual conversion, 12 tuned I. F. stages, temperature compensation, hi-fi audio. **\$383.50**
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SW-54 The "Mighty Midget"—America's top receiver value. Covers, not one, but 3 short wave bands plus standard broadcast band—the entire range from 540 kcs. to 30 mcs.! Amateur, ship, foreign, police frequencies clearly marked. Measures only 11"x7"x7". **\$59.95**
(Inc. spkr. and power supply)



NC-125 Incorporates famed National Select-O-Ject for un-heard-of selectivity at the price! Edge-lighted, direct-reading scales show amateur, police, ship and foreign frequencies. **\$199.95**
(less spkr.)

*Slightly higher west of the Rockies.

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MALDEN, MASSACHUSETTS